

TOSHIBA

Satellite® 1955 Series

Model(s):

Satellite 1955-S803

P4 2500/16.0" SXGA/512MB/60GB/DVD-CDRW/Wireless KB & Mouse/Mdm/LAN/Wi-Fi/WinXP Home

Part Numbers

PS195U-001YCV

Satellite 1955-S804

P4 2500/16.0" SXGA/512MB/60GB/DVD-CDRW/Wireless KB & Mouse/Mdm/LAN/Wi-Fi/WinXP Pro

PS195U-001YCV6

Product Highlights

Power and Performance

- Intel® Pentium® 4 2.50GHz processor
- 60GB* hard disk drive
- 512MB of Main Memory

Intense Multimedia

- Stunning 16.0" SXGA Toshiba Personal Theatre screen display
- Wireless Keyboard and Mouse
- NVIDIA GeForce4 440 Go graphics controller with 64MB DDR video memory
- DVD-ROM/CDRW multi-function drive

Fits your Lifestyle

- New!!! Wireless detachable keyboard and mouse
- Integrated V.92/56K modem
- Integrated 10/100 Ethernet LAN
- Integrated 802.11b Wireless LAN

System Characteristics

CPU (See CPU Performance Disclaimer)

- Intel® Pentium® 4 2.50GHz processor*
- Integrated co-processor

L2 Cache

- 512KB Level 2 Cache integrated on die
- 400MHz front side bus clock speed

Memory

- 512MB SDRAM (**Expandable to 1024MB**)
- Expansion memory: SODIMM, PC2100 DDR SDRAM, 2.5V
- Data/Address Bus Width: 64-bit/32-bit
- BIOS ROM: Intel FWH; 4Mbit
- Intel 845 Chipset

Mass Storage

- **Floppy Disk Drive:** Internal 3.5", 1.44MB
- **Primary Hard Disk Drive:** 60GB* hard disk drive, Enhanced IDE (ATA-5), 9.5mm height, 12ms average access time (read), 2ms track to track seek time (read), supports PIO mode4, Ultra DMA mode5, & Multiword DMA mode2
- **DVD-ROM/CDRW:** Compatibility: CD-ROM, CD-R, CD-RW, DVD-ROM, DVD-R (read only); 180ms (DVD-ROM)/130ms (CD-ROM) Access time (read); supports PIO mode4, Ultra DMA mode2 & Multiword DMA mode2; Service removable
- Software Decoder: InterVideo (WinDVD)

Graphics/Video

- 16.0" SXGA Toshiba Personal Theatre active-matrix display; internal display supports up to 16M colors at 1280 x 1024
- **NVIDIA GeForce4 440 Go** graphics controller; 64MB DDR external video memory
- 3D Graphics Accelerator, AGP bus support; 2D Graphics Accelerator, BitBLT, Hardware cursor, Direct Draw support
- External Color Support/Refresh rate:
800 x 600; 120Hz @16M (depending on CRT)
1024 x 768; 120Hz @16M (depending on CRT)
1280 x 1024; 120Hz @16M (depending on CRT)
1600 x 1200; 100Hz @16M (depending on CRT)
1920 x 1440; 75Hz @16M (depending on CRT)
2048 x 1536; 60Hz @16M (depending on CRT)

Input Devices

- **Wireless Keyboard (Detachable):** Full sized 85 keys with 12 function keys, 2.7mm key stroke, 6mm height; Dedicated Windows® & Application keys support; Power Button® HotKey function; 4 hours re-charge time; **TouchPad** pointing device; Scroll function; TouchPad On/Off utility
- **Wireless Mouse:** Optical type, AA type battery

Battery life may vary depending on applications, power management settings and features utilized. Recharging varies depending on usage.

- **CD Control Function:** Play/Pause, Stop, Previous, Skip/Next, Mode Control Switch (CD/DVD), and CD Control function.

Expandability

- 2 Expansion memory slots (one user slot accessible); 2 PC Card slots support 2 Type II or 1 Type III PC Cards; 32-bit CardBus ready

Communications

- Integrated V.92/56K modem; Data and fax support
- Integrated 10/100 Ethernet LAN
- Integrated 802.11b Wireless LAN

Due to FCC limitations, speeds of 53kbps are the maximum permissible transmission rates during Download. Actual data transmission speeds will vary depending on line conditions.

Ports

- RGB (monitor) port
- Parallel port
- 3 Universal Serial Bus ports
- I-LINK (IEEE 1394) port
- Infrared port
- TV-Out
- RJ-45 LAN port
- RJ-11 modem port

Physical Description

- Dimensions (LxWxH): 13.6" x 12.9" x 2.2"
- Weight: **9.6 lbs** (16.0" + DVD + 12 Cell Battery)
- LED Indicators: Power, Power Save Mode, HDD, FDD, CD/DVD-ROM, DC-IN, Caps Lock, Arrow, Numeric, Main Battery Charging Status (on Sub LCD), System Sleep / Suspend status

Sound

- Realtek ALC202A Codec Chip, Software sound
- 16-bit stereo, Windows Sound System; SoundBlaster® Pro compatible (in DOS box only)
- Built-in Stereo speakers
- 3D sound support with HRTF 3D positional audio; Direct 3D Sound (supported by sound driver); Hardware acceleration for DirectSound and DirectMusic; Full Duplex and MIDI (play back) support, 64 voices
- Sound Volume (by hardware volume)
- **Ports:** External Microphone port, headphone port,

Power Supply

- **AC Adapter:** 90W AC Adapter, 100-240V / 50-60Hz frequency (Universal) input voltage, 19V x 4.74A Output.
- **Battery Pack:** 12-cell, rechargeable, removable Lithium Ion (Graphite) battery, 87Wh
- Battery Saver (in Windows): Stand by, HDD Auto Off, Display Auto Off, Hibernation
- Up to 2.5H Recharge time(Off/On): 4.0H/4.0~9.0H
Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit www.accessories.toshiba.com

Security

- Slot for Kensington Cable lock, HDD and memory (by screw only), Built-in Modem/LAN (screw only), User Power-on password, Supervisor password, Setup Security, Screen Blank (by Hotkey), Screen Saver by software

Bios	
<ul style="list-style-type: none"> • ACP, PnP, VESA, DPMS, DDC, SM BIOS, PCI BIOS support 	
Operating System	
<ul style="list-style-type: none"> • Microsoft® Windows XP Home pre-installed (1955-S803) • Microsoft® Windows XP Pro pre-installed (1955-S804) • Windows 2000 component drivers on the web 	
Additional Software	
<ul style="list-style-type: none"> • Microsoft® Works • Intuit Quicken Basic 2001 • Norton AntiVirus 2002 • AOL (3.-month offer) • Adobe Acrobat Reader • AT&T Worldnet® Service – 1 Month Free <i>Telephone access and other charges and other terms and conditions may apply. Offer available to new customers only. Offer expires 4/30/04.</i> • Microsoft Internet Explorer • Toshiba Custom Utilities • Satellite Series Online Documentation • Toshiba Great Software Offer: Receive your choice of two software titles. The software selection includes titles from the follow categories; productivity, education/reference, creativity and entertainment 	
Warranty	
<ul style="list-style-type: none"> • 1 year parts, labor and battery 	
Environmental Specifications	
<ul style="list-style-type: none"> • Temperature: Operating: 5° to 35°C (41° to 95°F); Non-operating: -20° to 65°C (-4° to 149°F) • Thermal gradient: Operating: 15°C per hour maximum; Non-operating: 20°C per hour maximum • Relative Humidity: Operating: 20% to 80%; Non-operating: 10% to 95% • Altitude (relative to sea level): Operating: 0 to 3000 meters; Non-operating: 0 to 10,000 meters • Shock: Operating: 10G; Non-operating: 60G • Vibration: Operating: 0.5G; Non-operating: 1.0G 	

Accessories

Toshiba Accessories

PA3165U-1ACA	90W Universal AC Adapter
PA3206U-1BRS	Battery Pack
PA3207U-1BRS	Battery Pack for Wireless Keyboard
PA3205U-1ETC	Wireless optical mouse (only for 1955 Series)

Wi-Fi (Agere)

8484415560	Wireless LAN PC Card (Gold)
8485878380	AP-500 (802.11b) Access Point
7000011030	AP-2000 (802.11a/b) Access Point
PA450U	Targus Defcon Key Lock

Kingston Memory

KTT3614/128	128MB PC2100 DDR SDRAM
KTT3614/256	256MB PC2100 DDR SDRAM
KTT3614/512	512MB PC2100 DDR SDRAM

Cases

NWCEB2	Targus Back Pack
NWCER2	Targus Roller Case

Product/Part Numbers/UPC

Satellite 1955-S803 (Win XP Home)	PS195U-001YCV
Satellite 1955-S804 (Win XP Pro)	PS195U-001YC6

GB = 1 billion bytes

* Central Processing Unit ("CPU") Performance Disclaimer:

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95° F) or >25°C (77°F) at high altitude (all temperature references are approximate).

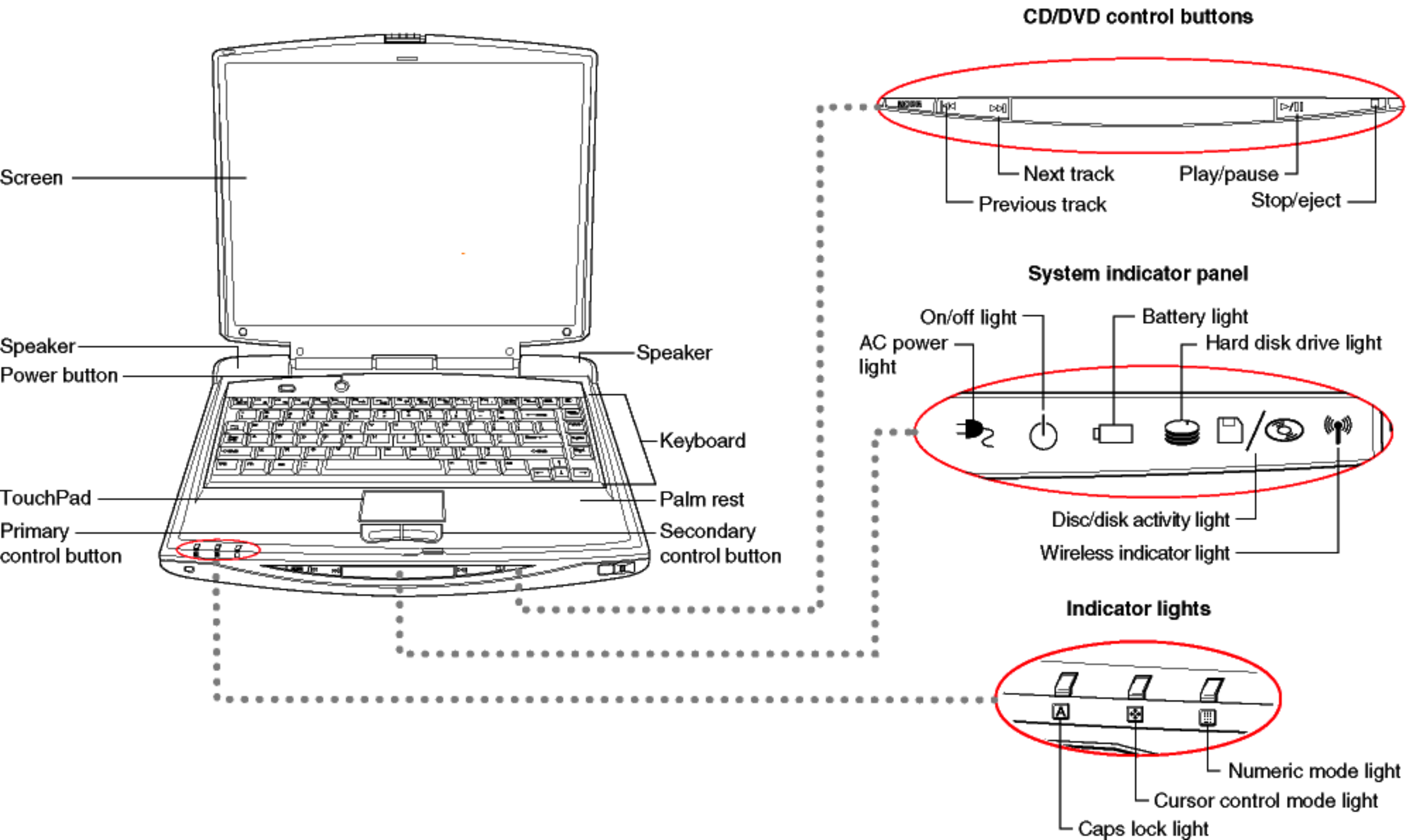
CPU performance may also vary from specifications due to design configuration.

Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

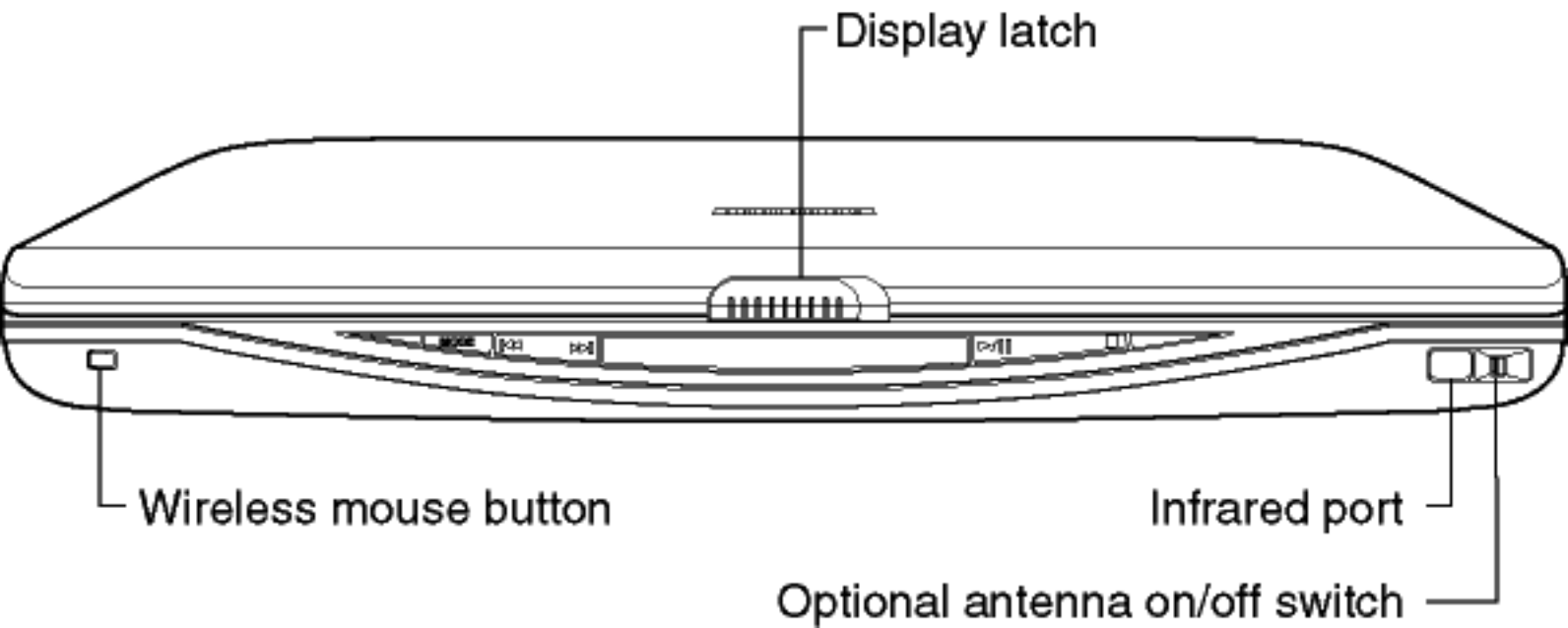
Return Policy

TAIS does not accept the return of component parts, or bundled software, which have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

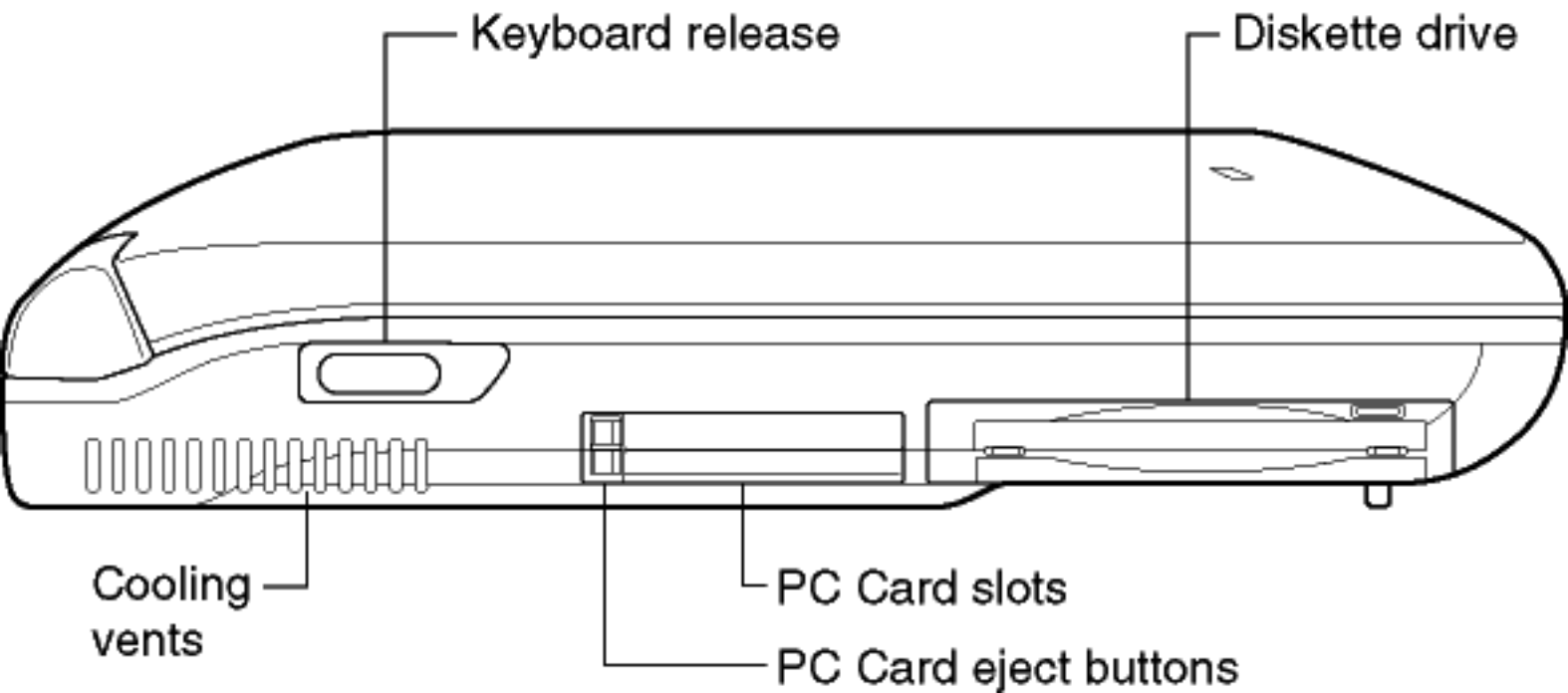
Front with display open



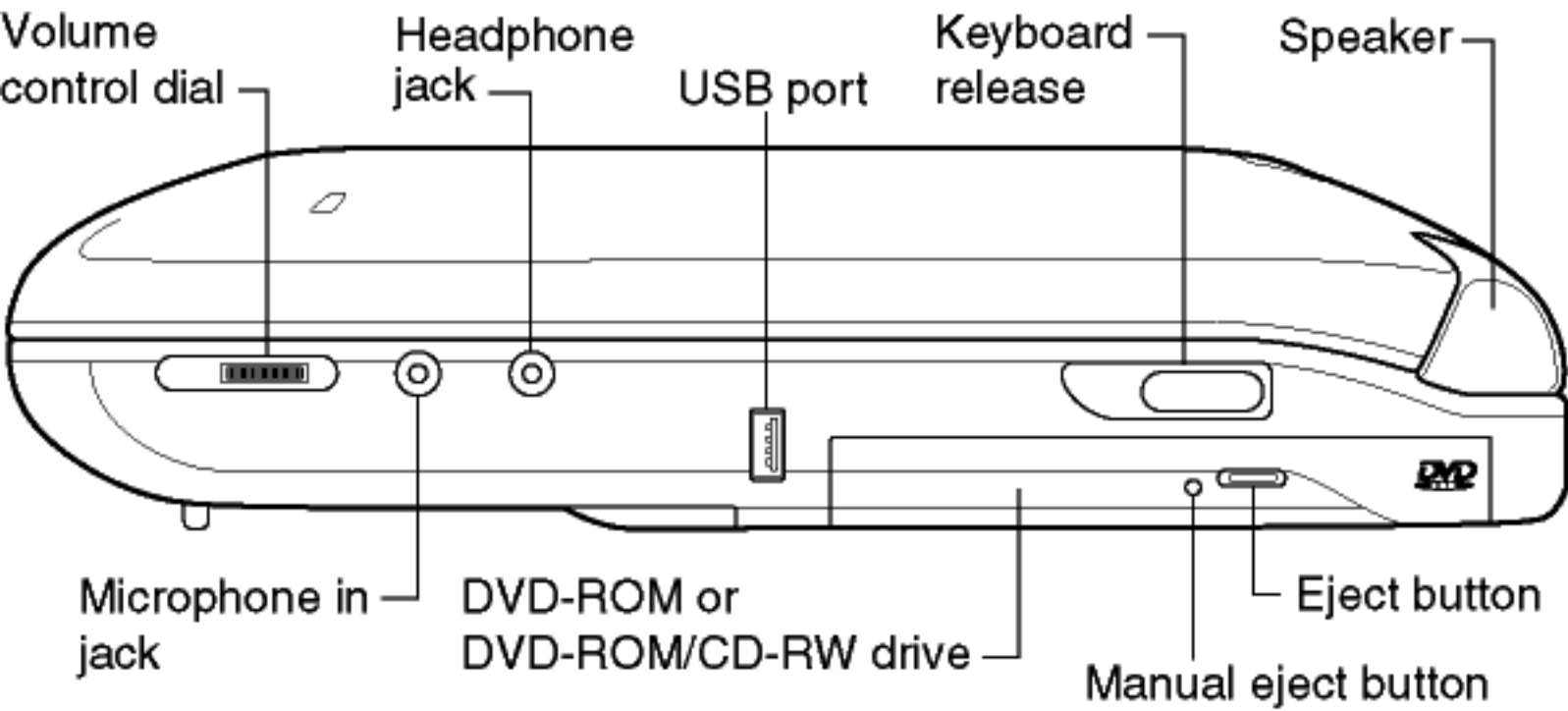
Front with display closed



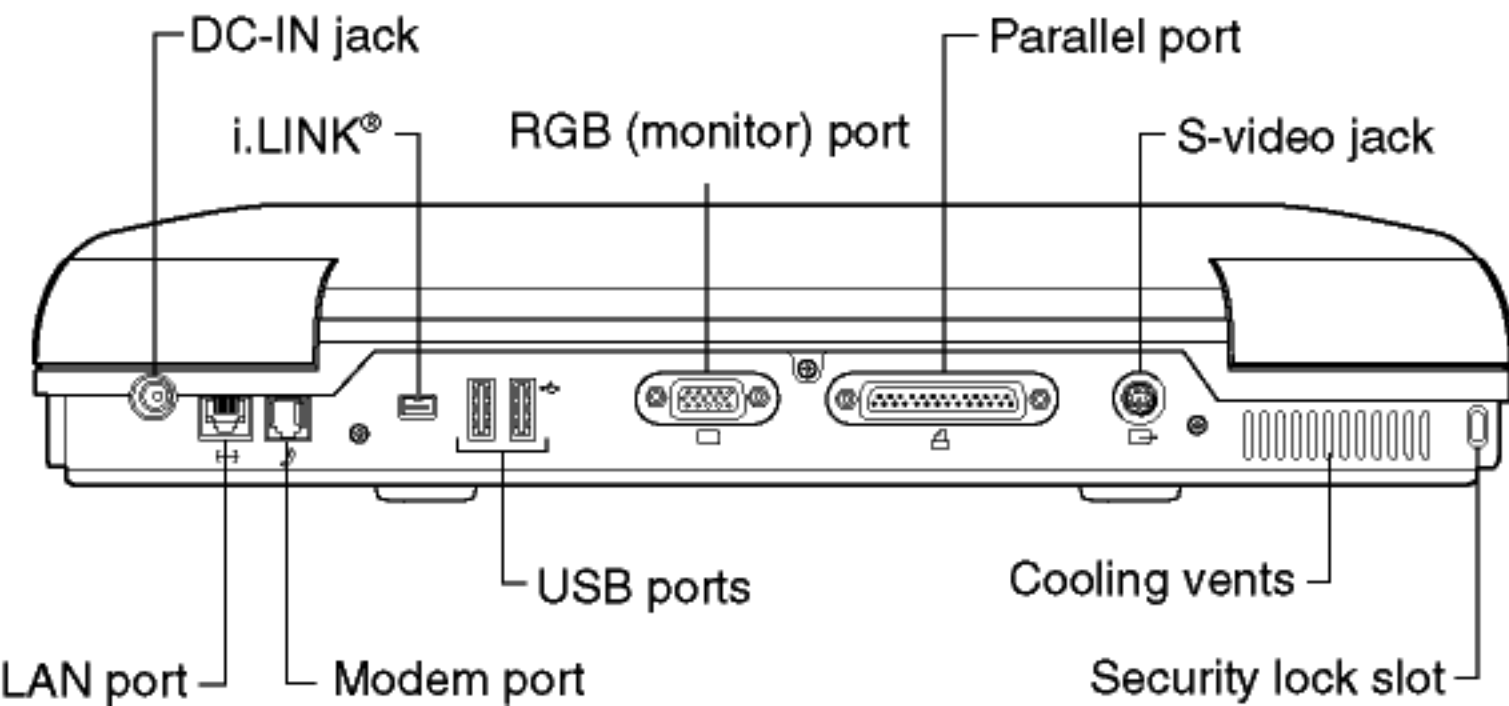
Left side



Right side



Back



Underside

